



11333 N. Cedarburg Road
Mequon, WI 53092
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www.ci.mequon.wi.us

Public Works Department

PUBLIC WORKS COMMITTEE

Tuesday, May 10, 2016

6:30 PM

South Conference Room

Agenda

- 1) Call to Order, Roll Call
- 2) Election of Committee Chair
- 3) Approval of April Public Works Committee Meeting Minutes
 - a. April 12th Public Works Committee Meeting Minutes
- 4) Resolutions

Action requested: review and recommend approval

 - a. Adoption of a Resolution Awarding the 2016 GSB-88 Bituminous Seal Contract to Fahrner Asphalt Sealers, LLC, Kaukauna, WI, in the Amount of \$266,030
 - b. Adoption of a Resolution Awarding the 2016 Road Improvements Contract to Payne & Dolan, Inc., Jackson, WI, in the Amount of \$962,170

5) Adjourn

Dated: May 10, 2016

/s/ Pamela Adams, Chairman

.....
Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the City Clerk's Office at 262-236-2914, twenty-four (24) hours in advance of the meeting.

Any questions regarding this agenda may be directed to the Public Works Department at 262-236-2913, Monday through Friday, 7:00 AM – 3:30 PM.

CITY OF MEQUON
WISCONSIN

COMMITTEE ON PUBLIC WORKS
MINUTES
April 12, 2016

1. The meeting was called to order at 6:45 p.m. with Alderman Hawkins, Alderman Nerbun and Alderman Adams present.

Staff present was Director of Public Works/City Engineer Lundeen, and Administrative Secretary Deuster. Also present was Jason Nickels, Education and Restoration Director from the Mequon Nature Preserve.

2. The minutes of the March 8th, 2016 Public Works Committee meeting were moved for approval by Ald. Hawkins, seconded by Ald. Nerbun and unanimously approved by the Committee as written.
3. Director of Public Works/City Engineer Lundeen informed the Committee that, Resolution 3372 needed approval for paving of an overflow lot at the Mequon Nature Preserve, and that additional funding was needed in the construction of a new pervious parking lot on the Nature Preserve's property. Additional funding would come from MMSD Green Infrastructure (GI) Funding. Due to previous bids being rejected, the staff made a request to MMSD that original Green Solutions for Separate Infrastructure and Sewer Separation (GSSISS) funding be extended into the 2016 calendar year. September of last year the extension was approved by MMSD. This approval would allow the bidding process to begin so that our next discussion on this would be a resolution to award and accept any bids brought to the committee. Also discussed wanting to update the memorandum of understanding with MMSD to use GI funding for the pervious paving.

Following discussion, it was moved by Ald. Hawkins, seconded by Ald. Nerbun, and unanimously approved by the Committee on Public Works to recommend approval of Resolution 3372, Granting of endorsement that allows the use of GI/GS funding to be used for additional funding for the construction of the Mequon Nature Preserve pervious parking lot, to the Common Council for approval.

4. Director of Public Works/City Engineer Lundeen informed the committee that approval was needed in awarding the 2016 Crack Sealing Contract to American Pavement Solutions, Inc., Green Bay, WI in the amount of \$157,162. It was found they had the lowest responsive bid and the project would be beneficial for years to come.

Following discussion, it was moved by Ald. Hawkins, seconded by Ald. Nerbun, and unanimously approved by the Committee on Public Works to recommend approval awarding the 2016 Crack Sealing Contract to American Pavement Solutions, Inc., Green Bay, WI.

5. The next meeting is on hold until agreement is made to change to a different date so that the committee can work with a larger public crowd that time will not be restricted.
6. There being no further business to conduct, the meeting was unanimously adjourned at 7:07 p.m.



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Office of Public Works Committee

TO: Public Works Committee
FROM: James Keegan, Deputy Director of Engineering
DATE: May 10, 2016
SUBJECT: Adoption of a Resolution Awarding the 2016 GSB-88 Bituminous Seal Contract to Fahrner Asphalt Sealers, LLC, Kaukauna, WI, in the Amount of \$266,030

Background

At its March meeting, the Public Works Committee authorized staff to advertise the 2016 Annual Road Program for bids. Staff advertised for 22.4 miles of GSB-88 Bituminous Pavement Sealing at an estimated cost of \$306,000 in its base bid. GSB-88 Bituminous Seal is a black bituminous sealer which looks similar to an asphalt driveway seal. GSB-88 rejuvenates asphalt pavements by reintroducing oils and resins lost to UV rays, oxidization, temperature swings and precipitation. These environmental factors accelerate the aging process on untreated pavement causing significant damage over time. The City typically utilizes this type of seal on roads in good condition to extend the life of the pavement approximately five years. Staff included as additive bids city streets that were seal coated last year so that the City would have the option of re-sealing these streets with GSB-88 bituminous sealer. A street list and a map of the streets included in this contract are attached.

Analysis

The City received 3 bids for the 2016 GSB-88 Bituminous Seal contract with the low base bid of \$266,030 from Fahrner Asphalt Sealers, LLC, Kaukauna, Wisconsin. The low bid is approximately 13% less than the estimate. Staff believes this is due to the increased quantity of work included in the bid, and competition from an additional bidder this year. Fahrner Asphalt Sealers has performed acceptable work of this type for the City in the past. Work on this contract can start as soon as the contracts are fully executed. The completion date for this work is August 31st, 2016. The bid summary is attached.

Fiscal Impact

There is adequate funding available in the Annual Road Program account to award this project.

Recommendation

Staff recommends awarding only the base bid portion of this contract at this time as staff is working with last year's seal coat contractor to remedy the seal coat failures under the warranty

for that work. If staff would recommend at a later date to re-seal the additive item streets with GSB-88, a change order can be issued to this contract. It is staff's recommendation that the Public Works Committee favorably endorse, and the Common Council approve the attached resolution awarding the 2016 GSB-88 Bituminous Seal contract to Fahrner Asphalt Sealers, LLC, Kaukauna, Wisconsin, for the base bid amount of \$266,030.

Attachments:

GSB-88 Street List (PDF)

GSB-88 Location Map (PDF)

GSB-88 Bid Summary (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

Adoption of a Resolution Awarding the 2016 GSB-88 Bituminous Seal Contract to Fahrner Asphalt Sealers, LLC, Kaukauna, WI, in the Amount of \$266,030

WHEREAS, the City of Mequon Department of Engineering has advertised and received bids for the 2016 GSB-88 Bituminous Seal contract; and

WHEREAS, staff has reviewed the various bids and contractor qualifications for the contracts; and

WHEREAS, staff has determined that the bids received are in accord with the estimates and that adequate funds are available to accomplish the work and on that basis has made a recommendation to the Public Works Committee; and

WHEREAS, the Committee on Public Works at its meeting on May 10, 2016 agreed with the staff recommendations for the following:

2016 GSB-88 Bituminous Seal Contract - Fahrner Asphalt Sealers, LLC - \$266,030.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Mequon that the above Contract, as recommended by the Public Works Committee, be accepted and that the proper City officials be authorized to sign the appropriate contract documents.

Adequate funds for this contract are available from the following sources:

Capital Project - 0410, Project: Local Road Program - 10001

Approved by: Dan Abendroth, Mayor

Date Approved: May 10, 2016

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on May 10, 2016.

William H. Jones, Jr., City Clerk

2016 GSB-88 BITUMINOUS SEAL – BASE BID STREETS

STREET	FROM	TO
Bonniwell Road 136N	Granville Road 107W	Wauwatosa Road 76W
Bonniwell Road 136N	Wauwatosa Road 76W	Cedarburg Road 62W
Bonniwell Road 136N	Wisconsin Central LTD Railroad 61W	Green Bay Road 50W
Riverland Road 35W	Bonniwell Road 136N	Pioneer Road 144N
Freistadt Road 120N	Wauwatosa Road 76W	Pigeon Creek Bridge 68W
Freistadt Road 120N	Pigeon Creek Bridge 68W	Village of Thiensville – village limits 65W
Port Washington Lane 13W	County Line Road 96N	Port Washington Road 100N
Fox Hollow Road	Highland Road	Cul-de-sac
Cobblestone Court	Highland Road	Cul-de-sac
River Drive	Riverland Road	Highland Drive
Highland Drive	River Drive	Cul-de-sac
Silver Fox Drive	Green Bay Road	Green Bay Road
Hawks Glen Drive	Highland Road	Hawks Glen Court
Hawks Glen Court	Hawks Glen Drive	Cul-de-sac
Hawks Glen Circle	Hawks Glen Drive	Cul-de-sac
West Shoreland Drive	Highland Road	Cul-de-sac
Fleur De Lis Drive	Marseilles Drive	Collette Court
Montpellier Lane	Marseilles Drive	End
Marseilles drive	River Road	Sherbrooke Drive
Sherbrooke Drive	Saint Anne Lane	Marseilles Drive
Saint Anne Lane	Marseilles Drive	Sherbrooke Drive
Saint Anne Court	Sherbrooke Drive	Cul-de-sac
Woodland Drive	Ville Du Parc Drive	Yvonne Drive
Ville Du Parc Drive	Fieldwood Road	Woodland Drive
Concord Creek Drive	Mequon Road	Oakview Court
Oakview Court	Concord Creek Drive	Creekside Court
Creekside Court	Concord Creek Drive	Cul-de-sac
River Birch Drive	Mequon Road	Concord Creek Drive
River Birch Drive	Concord Creek Drive	Cul-de-sac
Heron Pond Drive	Wauwatosa Road	Cul-de-sac
Kathleen Lane	Cedarburg Road	Cul-de-sac
Westfield Road	Cedarburg Road	End
Meadow Lane	Westfield Road	End
Cassel Lane	Saddlebrook Lane	End
Bridalpath Court	Saddlebrook Lane	Cul-de-sac
Saddlebrook Circle	Saddlebrook Lane	Saddlebrook Lane

Attachment: GSB-88 Street List (1622 : GSB-88 Project Award)

STREET	FROM	TO
Saddlebrook Lane	Pioneer Road	Cul-de-sac
Riverland Court	Mequon Road	Around Court
Adams Court	Charter Mall	Around Court
Bancroft Court	Charter Mall	Around Court
Cumberland Court	Charter Mall	Around Court
Dickinson Court	Charter Mall	Around Court
Franklin Court	Charter Mall	Around Court
Gettysburg Court	Charter Mall	Around Court
Holmes Court	Charter Mall	Around Court
Kirkland Court	Charter Mall	Around Court
Lee Court	Charter Mall	Around Court
Merrimac Court	Charter Mall	Around Court
Norfolk Court	Charter Mall	Around Court
Quincy Court	Charter Mall	Around Court
Raleigh Court	Charter Mall	Around Court
Savannah Court	Charter Mall	Around Court
Brookdale Drive	Zedler Lane	End
Zedler Lane	Grasslyn Road	Port Washington Lane
Clover Lane	Grasslyn Road	Brookdale Drive
Sunnycrest Drive	Zedler Lane	Donges Bay Road
Greenview Drive	Zedler Lane	Donges Bay Road
Grasslyn Road	Zedler Lane	Donges Bay Road
Grasslyn Road	Fiesta Lane	Zedler Lane
Valley Hill Drive	County Line Road	Lamplighter Lane
Lamplighter Lane	Valley Hill Drive	Valley Hill Drive
Lamplighter Lane (N)	Lamplighter Lane	Valley Hill Drive
Sunset Lane	County Line Road	Lamplighter Lane
Hilltop Lane	Sunset Lane	Cul-de-sac
Courtland Drive	County Line Road	Cul-de-sac
Russet Lane	Courtland Drive	McIntosh Lane
McIntosh Lane	Russet Lane	Courtland Drive
Auburn Court	Courtland Drive	Cul-de-sac
Thornapple Lane	Zedler Lane	Otto Road
Appletree Court	Thornapple Lane	Cul-de-sac
Deer Run Lane	Thornapple Lane	Cul-de-sac

2016 GSB-88 BITUMINOUS SEAL – ADDITIVE BID STREETS

STREET	FROM	TO
Donges Bay Road 104N	River Road 43W	Range Line Road 27W
Donges Bay Road 104N	Range Line Road 27W	Grasslyn Road 20W
Donges Bay Road 104N	Grasslyn Road 20W	Port Washington Road 13W
Shady Lane	Lake Shore Drive	Cul-de-sac
Hemlock Lane	Lake Shore Drive	Birchwood Lane
Birchwood Lane	North Cul-de-sac	South Cul-de-sac
Northwood Lane	Bonniwell Road	Bonness Lane
Bonness Lane	Northwood Lane	Lakewood Drive
Lakewood Drive	Bonniwell Road	South Cul-de-sac

Attachment: GSB-88 Street List (1622 : GSB-88 Project Award)

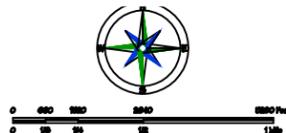


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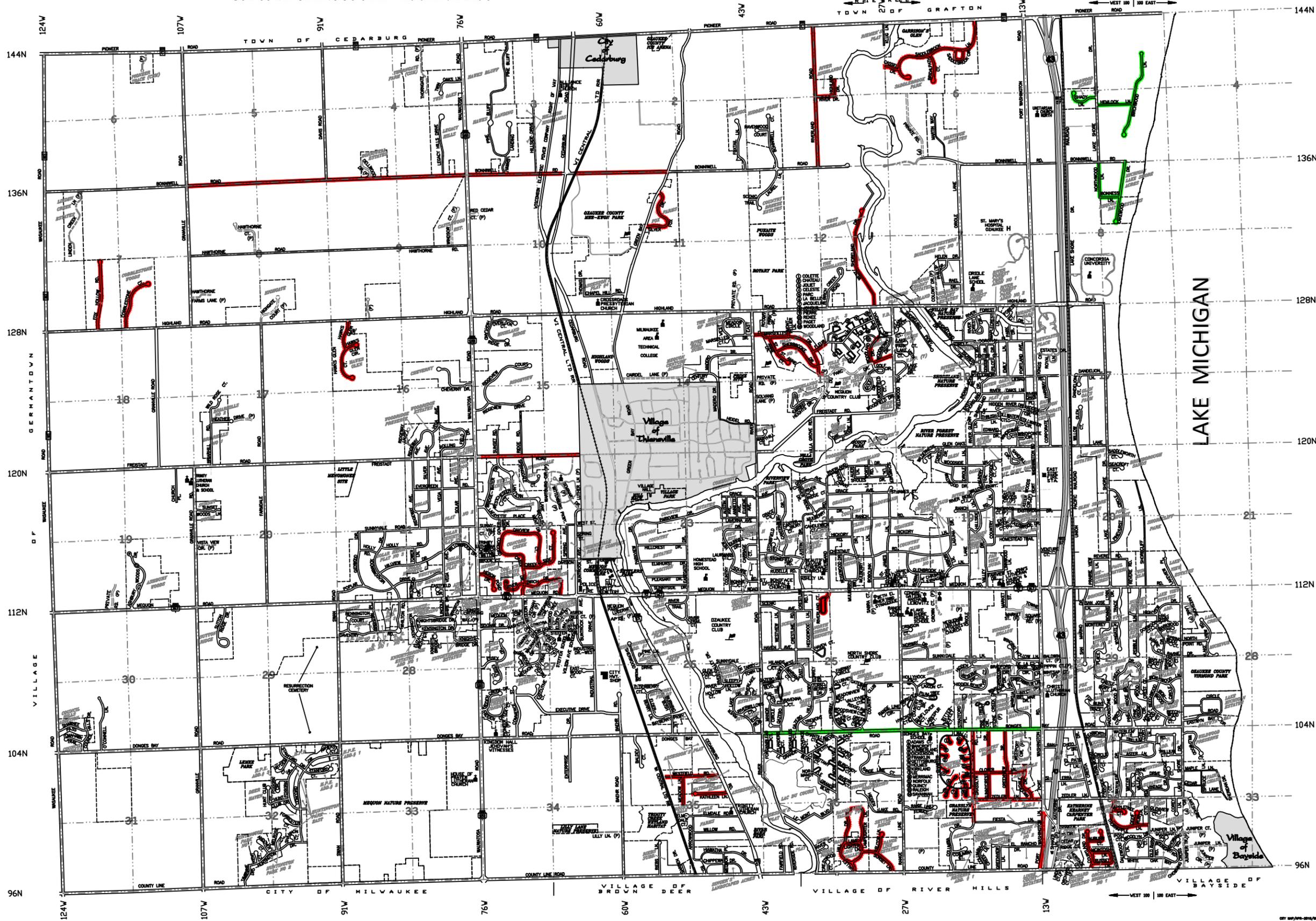
2016 GSB-88 BITUMINOUS SEAL LOCATION MAP

CITY OF MEQUON

- GSB-88 BITUMINOUS SEAL - BASE BIDS
- GSB-88 BITUMINOUS SEAL - ADDITIVE BIDS



- HOSPITAL
- SCHOOL
- CHURCH
- SYNAGOGUE
- GOLF COURSE
- PRIVATE ROAD
- INTERSTATE HIGHWAY
- STATE TRUNK HIGHWAY
- COUNTY TRUNK HIGHWAY
- WISCONSIN CITY HALL
- LATITUDE: 43° 13' 24" N
- LONGITUDE: 87° 59' 03" W



CITY OF MEQUON

WISCONSIN

BIDS RECEIVED FOR: 2016 GSB-88 BITUMINOUS SEAL FILE #3762-16

BID OPENING:

4/27/2016

1:30 PM

DATE

TIME

BIDDER	TOTAL BASE BID	TOTAL ADDITIVE BIDS
American Road Maintenance, Inc.	\$285,000.00	\$59,286.00
Gee Asphalt Systems, Inc.	\$283,666.36	\$64,675.36
Fahrner Asphalt Sealers, LLC	\$266,030.00	\$67,096.00



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Office of Public Works Committee

TO: Public Works Committee
FROM: James Keegan, Deputy Director of Engineering
DATE: May 10, 2016
SUBJECT: Adoption of a Resolution Awarding the 2016 Road Improvements Contract to Payne & Dolan, Inc., Jackson, WI, in the Amount of \$962,170

Background

At its March meeting, the Public Works Committee authorized staff to advertise the 2016 Annual Road Program for bids. Staff advertised for 5 miles of pavement pulverizing, grading and compacting, asphalt paving both lower and upper layers, and shouldering; and 0.25 miles of asphalt paving wedge & overlay and shouldering at an estimated cost of \$1,090,000. A road list and a map of the roads included in this contract are attached.

Analysis

The City received 2 bids for the 2016 Road Improvements contract with the low base bid of \$962,170 from Payne & Dolan, Inc., Jackson, Wisconsin. The low bid is approximately 12% less than the estimate reflecting the correlation between current asphalt prices and lower oil prices. Payne & Dolan has performed acceptable work of this type for the City in the past. Contractor work cannot start until after the 4th of July holiday to allow City DPW crews time to complete required drainage improvements. The final completion date is September 30th, 2016. The bid summary is attached.

Fiscal Impact

In May of 2015, the Common Council approved Resolution 3302 providing funding for the 2015 through 2017 Annual Road Program based upon \$1.7 million funding in each year.

The 2015 Annual Road Program costs were \$2,513,395. The 2015 program used the remaining fund balance of \$570,000 in addition to the targeted \$1,700,000 to complete a robust program including additional work in the Ville Du Parc area.

This year, with the awarded contracts and the estimated material costs of the DPW drainage improvements associated with the roadwork, the 2016 Annual Road Program costs are projected to be \$1,482,513. This will leave approximately \$1,674,000 for the 2017 program.

Recommendation

It is staff's recommendation that the Public Works Committee favorably endorse, and the Common Council approve the attached resolution awarding the 2016 Road Improvements contract to Payne & Dolan, Inc., Jackson, Wisconsin, for \$962,170.

Attachments:

Road Improvements Road List (PDF)

Road Improvements Location Map (PDF)

Road Improvements Bid Summary (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

Adoption of a Resolution Awarding the 2016 Road Improvements Contract to Payne & Dolan, Inc., Jackson, WI, in the Amount of \$962,170

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WHEREAS, staff has reviewed the various bids and contractor qualifications for the contracts; and

WHEREAS, staff has determined that the bids received are in accord with the estimates and that adequate funds are available to accomplish the work and on that basis has made a recommendation to the Public Works Committee; and

WHEREAS, the Committee on Public Works at its meeting on May 10, 2016 agreed with the staff recommendations for the following:

2016 Road Improvements Contract - Payne & Dolan, Inc. - \$962,170

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Mequon that the above Contract, as recommended by the Public Works Committee, be accepted and that the proper City officials be authorized to sign the appropriate contract documents.

Adequate funds for this contract are available from the following sources:

Capital Project - 0410, Project: Local Road Program - 10001

Approved by: Dan Abendroth, Mayor

Date Approved: May 10, 2016

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on May 10, 2016.

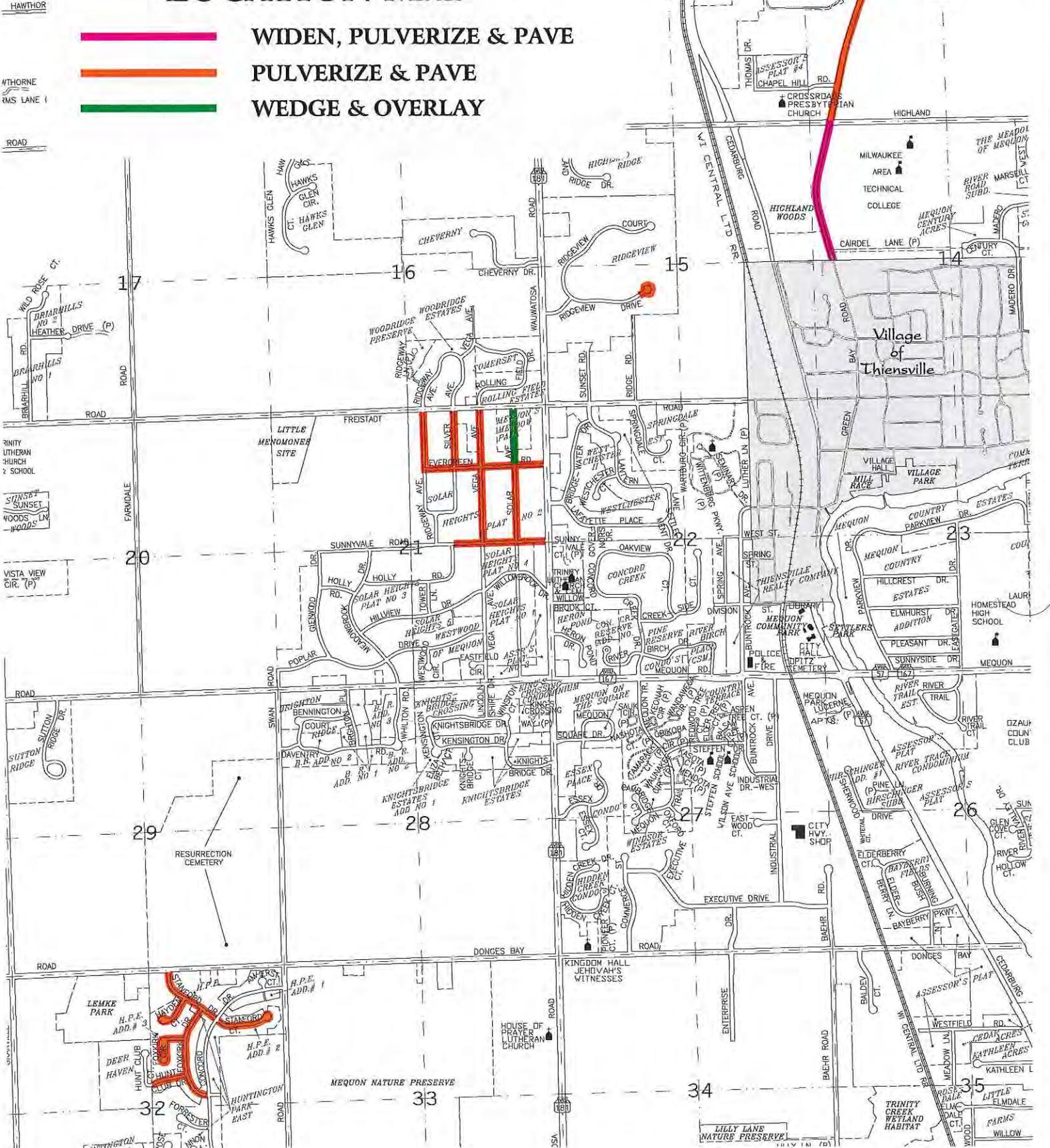
William H. Jones, Jr., City Clerk

2016 ROAD IMPROVEMENTS ROAD LIST

STREET	FROM	TO	MILES
Green Bay Road	Village of Thiensville	Highland Road	0.51
Green Bay Road	Highland Road	Bonniwell Road	1.07
Ridgeway Avenue	Evergreen Road	Freistadt Road	0.21
Silver Avenue	Evergreen Road	Freistadt Road	0.21
Vega Avenue	Sunnyvale Road	Freistadt Road	0.50
Solar Avenue	Sunnyvale Road	Evergreen Road	0.27
Solar Avenue	Evergreen Road	Freistadt Road	0.23
Evergreen Road	Ridgeway Avenue	Wauwatosa Road	0.45
Sunnyvale Road	Holly Road	Wauwatosa Road	0.35
Stanford Drive	Donges Bay Road	Concord Drive	0.27
Stanford Court	Concord Drive	Cul-de-sac	0.23
Hayden Court	Stanford Drive	Cul-de-sac	0.14
Foxkirk Circle	Foxkirk Drive	Around Circle	0.26
Hunt Club Drive	Foxkirk Drive	Hunt Club Court	0.13
Foxkirk Drive	Stanford Drive	Concord Drive	0.40
Ridgeview Drive	Cul-de-sac Only		0.06
Total:			5.29

2016 ROAD IMPROVEMENTS LOCATION MAP

- WIDEN, PULVERIZE & PAVE
- PULVERIZE & PAVE
- WEDGE & OVERLAY



2016 ROAD IMPROVEMENTS BID SUMMARY

ITEM NUMBER	BASE BID ITEMS	UNIT	EST. QUANTITY	City Estimate		Payne & Dolan, Inc.		Stark Pavement Corporation	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Pulverized & Re-laid Pavement	S.Y.	69,911	\$1.27	\$88,786.97	\$1.12	\$78,300.32	\$1.28	\$89,486.08
	Section 02420								
2	Fine Grade & Compact Roadway	S.Y.	2,280	\$0.75	\$1,710.00	\$0.54	\$1,231.20	\$0.55	\$1,254.00
	Section 02460								
3	HMA Pavement Lower Layer MT 58-28 S	Ton	3,767	\$49.30	\$185,713.10	\$42.78	\$161,152.26	\$44.95	\$169,326.65
	Section 02710								
4	HMA Pavement Upper Layer 5 MT 58-28 S	Ton	2,202	\$55.17	\$121,484.34	\$50.00	\$110,100.00	\$55.75	\$122,761.50
	Section 02710								
5	HMA Pavement Lower Layer LT 58-28 S	Ton	6,113	\$50.88	\$311,029.44	\$43.00	\$262,859.00	\$45.12	\$275,818.56
6	HMA Pavement Upper Layer 5 LT 58-28 S	Ton	4,621	\$59.68	\$275,781.28	\$52.14	\$240,938.94	\$53.50	\$247,223.50
7	Shouldering Green Bay Road (Thiensville - Bonniwell Rd.)	Lump	1	\$9,038.00	\$9,038.00	\$11,500.00	\$11,500.00	\$11,300.00	\$11,300.00
	Section 02810	Sum							
8	Shouldering Solar Heights - Phase II	Lump	1	\$12,700.00	\$12,700.00	\$7,500.00	\$7,500.00	\$6,850.00	\$6,850.00
	Section 02810	Sum							
9	Shouldering Huntington Park - Phase II	Lump	1	\$8,180.00	\$8,180.00	\$11,800.00	\$11,800.00	\$12,000.00	\$12,000.00
	Section 02810	Sum							
10	Shouldering Ridgeview Drive CDS	Lump	1	\$350.00	\$350.00	\$800.00	\$800.00	\$950.00	\$950.00
	Section 02810	Sum							
11	Base & Subgrade Repair Common Excavation	C.Y.	1,729	\$16.54	\$28,597.66	\$14.50	\$25,070.50	\$13.00	\$22,477.00
	Section 02480								
12	Base & Subgrade Repair Graded Base	Ton	3,285	\$14.20	\$46,647.00	\$15.50	\$50,917.50	\$11.50	\$37,777.50
	Section 02480 & 02410								
Total Base Bid Items 1 through 12:					\$1,090,017.79		\$962,169.72		\$997,224.79